

## MODEL 460 ADDENDUM

Due to an improvement in the CRT it is necessary to use a higher accelerating voltage.

Please make the following changes in your Instruction Manual.

C25, 26	#20003	.1ufd, 1KV is changed to:
C25, 26	#20055	.1ufd, 1.6KV
R69	#10416	15K $\Omega$ , 1/2W, 10% is changed to:
R69	#10409	270K $\Omega$ , 1/2W, 10%

The following information refers to the Voltage Chart:

V8 (IV2)	change the voltage of pins 1 & 9 to	(-1500)
"	" " 4 & 5 to	(1140VAC)
V10 (5DEP1)	" " 1 & 12 to	(-1400)
"	" of pin 2 to	(-1280 to -1400)
"	" " 3 to	(-820 to -1300)
"	" " 4 to	(-620 to -1150)

The voltage of pins 5 through 11 remain the same. Please adjust your schematic accordingly.

If you have the kit, please make the following changes in your Construction Book.

Fig. 3, the 11th & 12th steps in the right hand column. Change C25 & C26 to read:

1600V instead of 1000V

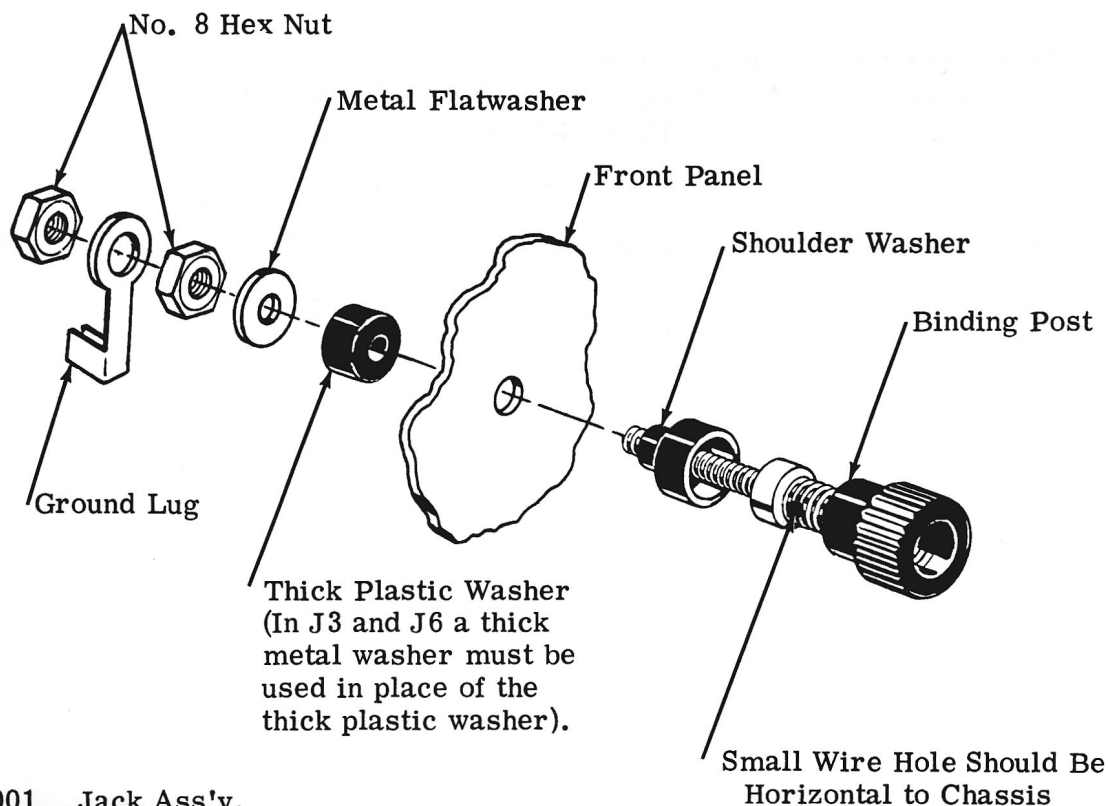
Fig. 12, Steps & Fig. Change R69, 15K $\Omega$  to read R69, 270K $\Omega$

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## MODEL 460 ADDENDUM

If you have the 460 Kit please make the following changes in the Construction portion of your manual:

- 1) In figure 3 (which appears twice) change C4 to read C9.
- 2) Figure 3, Step 20, left hand column: "R48, 10K $\Omega$ , 2 watt" to read "R48, 10K $\Omega$ , 5 watt".
- 3) On the 2nd page of "Main Chassis Wiring," 15th Step, left hand column: TB3-4 (S) should read TB3-4 (C); 16th Step: TB3-4 (C) should read TB3-4 (S).
- 4) "Vertical Input Switch, S1, Wiring," right hand column: the last line of ten jumper wiring steps change - "( ) 3B (C) and 3C (S)" to read "( ) 3B (S) and 3C (C)."
- 5) "Rear Chassis Wiring," 11th Step, left hand column: "TB14 (S)" should read "TB14 (C)"; "R35, 8.2K $\Omega$ " should read "R35, 4.7K $\Omega$ ."
- 6) Fig. 6 change R35 from "8.2K $\Omega$ " to "4.7K $\Omega$ ."
- 7) Fig. 8. Positive side of C14 should read XV5-3 instead of TB3-4; 300 $\Omega$  lead from R24-2 & 3 should read XV4-2 instead of XV4-5.
- 8) Fig. 11. The 300 $\Omega$  lead R24-2 & 3 should also read connect jumper between R24-1 and R24-2.
- 9) Fig. 12. Change the wire from R72-2 to read TB8-2 instead of TB-2.
- 10) Fig. 7. Change R24 from "2.5K $\Omega$ " to "5K $\Omega$ ."
- 11) Front Panel Ass'y. (Figure 7) Steps 2 & 4 USE THE PROCEDURE SHOWN WHEN MOUNTING ALL JACKS



MODEL 460 ADDENDUM (Cont'd.)

Make the following changes in your Instruction Manual:

- 1) In the "PARTS LIST" – Schematic change the stock number and value assigned to R24 pot. 2.5K $\Omega$  from 16007 to 16017 pot. 5K $\Omega$  (Vert. gain).
- 2) In the "PARTS LIST" – Schematic change the value and stock number of R35 from 8.2K $\Omega$ , 2 watt, #10953 to 4.7K $\Omega$ , 2 watt, #10952.
- 3) In the "OPERATION" section, 9th Step, change the setting of the VERT. ATTENUATOR from 100 to 10.
- 4) Correct the RESISTANCE CHART as follows:

V1, pin 7	should be 220K	instead of 3.5 meg
V2, pin 7	should be 220K	instead of 3.5 meg
V5, pin 7	should be 2.2 meg	instead of 200K
- 5) Note that in the instructions, reference is made to the INT. MOD. (Intensity Modulation) binding post. This is just another name for the Z-AXIS binding post.
- 6) The 15,750 cps signal required for calibration may be either taken from the grid of the horizontal output tube or it can be obtained by "loose coupling" to the horizontal output tube (placing the scope lead against the glass part of the tube). The latter method eliminates the need for "pulling" the TV chassis.
- 7) Figure 8 (maintenance section) - Trace should be shown sloping in the reverse direction.
- 8) On your Replacement Parts List: Stock #10956 res., 10K $\Omega$ , 2W has been changed to: R48 Stock #14506 res., 10K $\Omega$ , 5W  
90026 V10 5UP1 to: 90060 V10 5DEP1

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